

Matheus Penna

Backend Software Engineer

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Personal Projects • <https://github.com/devpenny>

Backend Software Engineer with 3 years of experience creating robust solutions. Proficient in Node.js, NestJs, TypeScript, SQL, and Docker with Agile Methodologies. Skilled in developing APIs, and server environment configuration. Known for improving customer experience and collaborating effectively in a team environment. Passionate about continuous learning and growth, I bring a calm, creative approach to problem-solving, exceeding expectations on every project.

Professional Experience

Shockbyte, North Melbourne, Victoria, Australia

August 2022 — July 2024

Backend Software Engineer

- Participated in the vanguard of the company's game library expansion, developing more than 30 Game-Wrappers in NodeJs with use of Docker that led to an increase of around 150% for said library size;
- Led the implementation of Windows games support in Linux-only machines through the use of Wine and Docker, opening up for even more game possibilities;
- Led the Stardew Valley game server implementation project that uses a C# coded mod to automate the host behaviour and allow for a previously unavailable dedicated server feature;
- Developed numerous API features with NestJs, Typescript and TypeORM for the web panel;
- Responsible for the configuration and containerization of the environments and Docker images for dedicated servers;
- Direct communication with support for bug fixes and service improvements, leading to constant improvements in customer experience;

Neoenergia, Salvador, Bahia, Brasil

January 2021 — February 2022

Electrical Engineering Intern

- Responsible for preparation of reports analyzing the company's SQL database;
- Development of Python scripts to automate tasks related to data records;
- Use of analytical techniques and statistical modeling to detect nontechnical losses.

Education

Bachelor of Electrical Engineering

Universidade Federal da Bahia, Salvador, Bahia, Brazil

Technical Skills

- SQL
- Docker
- Express
- TypeORM
- Git
- Typescript
- NodeJs
- JavaScript
- NestJs
- C#